



United States
Department of
Agriculture

Forest
Service

Northeastern Area
State & Private
Forestry

180 Canfield Street
Morgantown, WV 26505-3101

of WV

Reply To: 3410

Date: February 14, 1997

Mr. Donald Thompson
U.S. Army Corps of Engineers
Huntington District
502 8th Street
Huntington, WV 25701

Dear Mr. Thompson:

Summaries of the 1983-1996 gypsy moth trapping program conducted at 13 Army Corps of Engineers sites within the Huntington District are enclosed for your information (Table 1). Also enclosed are maps showing trap locations for those sites having positive male moth catches (Figures 1-10). The purpose of the trapping program is to monitor low level gypsy moth populations and to help determine when more intensive survey methods should be employed.

Listed below is a brief summary of the 1996 trapping results:

- * No gypsy moths were caught at Beech Fork Lake, Bluestone Lake and East Lynn Lake.
- * Sutton Lake averaged 2 moths per trap in 1996. This is a decrease from 20 moths per trap in 1995.
- * Alum Creek, Delaware Lake and Paint Creek Lake experienced a slight decrease in total moths trapped.
- * Trap counts at Burnsville Lake totaled 12 moths and remains unchanged from the previous year.
- * Deer Creek Lake trapped 1 moth; the first positive catch since 1993. R.D. Bailey Lake trapped 18 moths; the first positive catch since 1990.
- * Dillon Lake and North Branch of the Kokosing River trap catches are up slightly with 21 and 12 moths, respectively.
- * Mohawk Dam had the largest trap catch of 223 moths which is also an increase over the previous season.

Based on these results, more intensive survey methods continue to be unnecessary. We would like to continue the trapping program at the same intensity at all of the Projects in 1997.



Thank you for your continued cooperation and if you have any questions regarding this report, please call me at (301) 285-1556.

Sincerely,



KAREN D. FELTON
Forestry Technician
Forest Health Protection

Enclosures

cc: AO

Robert Wattenshaite, Alum Creek
Michael Hatten, Beech Fork Lake
Dean Bonifacio, Bluestone Lake
Jeff H. Toler, Burnsville Lake
Bonnie Maki, Deer Creek Lake
Ben O'Dell, Delaware Lake
Donna Burks, Dillon Lake
Mike Smith, East Lynn Lake
Richard Berkes, Mowhawk Dam
Joe Kolodziej, N. Branch Kokosing River
Todd Milnes, Paint Creek Lake
Bob Cifranic, R.D. Bailey Lake
Keith Anne Nuckels, Sutton Lake
Jan Hacker, WVDA
Allen Baumgard, OHDA

KDF/blm

Table 1.--Summary of the 1983-1996 gypsy moth trapping results,
Huntington District, U.S. Army Corps of Engineers.

Alum Creek (Delaware County, OH)

<u>Year</u>	<u>Number of Traps</u>	<u>Total Moths Caught</u>	<u>Positive Catch Trap Number</u>
1983	15	0	--
1984	15	0	--
1985	18	0	--
1986	15	1	9
1987	15	0	--
1988	15	0	--
1989	15	0	--
1990	15	4	2,3,11,15
1991	15	2	7,10
1992	15	7	1,2,4,6,7,11
1993	15	12	All except 1,2,7,9,12,13
1994	15	3	3,12
1995	13	3	1,5,7
1996	15	1	14

Beech Fork Lake (Wayne County, WV)

<u>Year</u>	<u>Number of Traps</u>	<u>Total Moths Caught</u>	<u>Positive Catch Trap Number</u>
1983	20	0	--
1984	15	0	--
1985	15	0	--
1986	15	0	--
1987	15	0	--
1988	15	0	--
1989	15	1	3
1990	15	5	3,4
1991	14	7	3,7,8,12
1992	20	0	--
1993	18	0	--
1994	20	--	--
1995	17	0	--
1996	20	0	--

Bluestone Lake (Summers County, WV)

<u>Year</u>	<u>Number of Traps</u>	<u>Total Moths Caught</u>	<u>Positive Catch Trap Number</u>
1983	25	0	--
1984	25	0	--
1985	25	0	--
1986	26	0	--
1987	26	0	--
1988	26	0	--
1989	25	1	17
1990	25	1	23
1991	25	0	--
1992	25	0	--
1993	25	0	--
1994	25	0	--
1995	25	0	--
1996	25	0	--

Burnsville Lake (Braxton County, WV)

<u>Year</u>	<u>Number of Traps</u>	<u>Total Moths Caught</u>	<u>Positive Catch Trap Number</u>
1983	20	0	--
1984	20	0	--
1985	20	0	--
1986	20	0	--
1987	18	0	--
1988	21	2	1,13
1989	17	0	--
1990	21	9	2,4,8,12,13,15,17
1991	14	14	All
1992	15	12	1,2,4,6,9,13,15
1993	15	14	All except 1,5,9,10,13,14
1994	15	13	6,10,12,15
1995	12	12	2-5,7,9,11,12,15
1996	12	12	1,2,9,10,12-14

Deer Creek Lake (Fayette and Pickaway Counties, OH)

<u>Year</u>	<u>Number of Traps</u>	<u>Total Moths Caught</u>	<u>Positive Catch Trap Number</u>
1983	15	0	--
1984	15	0	--
1985	13	0	--
1986	15	0	--
1987	15	0	--
1988	15	0	--
1989	15	1	15
1990	15	0	--
1991	15	0	--
1992	15	3	6,7,13
1993	15	3	1,6
1994	15	0	--
1995	18	0	--
1996	18	1	10

Delaware Lake (Delaware County, OH)

<u>Year</u>	<u>Number of Traps</u>	<u>Total Moths Caught</u>	<u>Positive Catch Trap Number</u>
1983	15	0	--
1984	15	0	--
1985	18	0	--
1986	15	0	--
1987	15	0	--
1988	12	0	--
1989	12	0	--
1990	12	0	--
1991	10	0	--
1992	10	1	9
1993			No traps deployed
1994	12	0	--
1995	15	3	4,12,13
1996	15	1	14

Dillon Lake (Muskingum County, OH)

<u>Year</u>	<u>Number of Traps</u>	<u>Total Moths Caught</u>	<u>Positive Catch Trap Number</u>
1983	15	0	--
1984	15	0	--
1985	15	0	--
1986	15	4	4,11
1987	15	0	--
1988	16	0	--
1989	16	9	2,6,8,11-13,15
1990	16	0	--
1991	16	11	4-6,8,9,11,13,14,16
1992	16	31	All except 4,7,8,16
1993	3	6	17,18
1994	16	15	2,5,6,12,13,14,15
1995	--	--	Traps not deployed
1996	14	21	1,3,7,8,11-13

East Lynn Lake (Wayne County, WV)

<u>Year</u>	<u>Number of Traps</u>	<u>Total Moths Caught</u>	<u>Positive Catch Trap Number</u>
1983	25	0	--
1984	25	0	--
1985	34	0	--
1986	31	0	--
1987	33	8	8
1988	33	0	--
1989	33	0	--
1990			No data
1991	33	0	--
1992	34	0	--
1993	35	0	--
1994	35	0	--
1995	33	0	--
1996	35	0	--

Mohawk Lake (Coshocton County, OH)

<u>Year</u>	<u>Number of Traps</u>	<u>Total Moths Caught</u>	<u>Positive Catch Trap Number</u>
1983	10	0	--
1984	12	0	--
1985	10	0	--
1986	10	0	--
1987	8	1	3
1988	9	0	--
1989	9	2	5,7
1990	9	9	1,2,4,59
1991	9	3	4,6,8
1992	9	29	All except 4
1993	9	89	All
1994	9	29	1,2,5,6,7,8
1995	13	168	All
1996	15	223	All

North Branch Kokosing River (Know County, OH)

<u>Year</u>	<u>Number of Traps</u>	<u>Total Moths Caught</u>	<u>Positive Catch Trap Number</u>
1983	10	0	--
1984			Traps not deployed
1985	13	1	8
1986	10	0	--
1987	8	0	--
1988	9	0	--
1989	9	0	--
1990	9	0	--
1991	9	0	--
1992	9	2	4,5
1993	9	1	3
1994	9	0	--
1995	15	2	10,13
1996	11	12	1,2,4,5,11,13,15

Paint Creek Lake (Highland and Ross Counties, OH)

<u>Year</u>	<u>Number of Traps</u>	<u>Total Moths Caught</u>	<u>Positive Catch Trap Number</u>
1983	15	0	--
1984	10	0	--
1985	10	0	--
1986	12	3	2
1987	12	0	--
1988	10	0	--
1989	10	6	5,7,8,9
1990			No data
1991	10	0	--
1992	12	0	--
1993	14	0	--
1994	13	6	3,4,12,13
1995	14	15	3,4,10-13
1996	13	10	3,4,8,9,11,13

R.D. Bailey Lake (Mingo and Wyoming Counties, WV)

<u>Year</u>	<u>Number of Traps</u>	<u>Total Moths Caught</u>	<u>Positive Catch Trap Number</u>
1983	24	0	--
1984	25	0	--
1985	25	0	--
1986			Traps not deployed
1987	27	1	3
1988	26	0	All traps stolen
1989	25	0	--
1990	25	10	8,13,25
1991	18	0	--
1992	24	0	--
1993	19	0	--
1994	19	0	--
1995	18	0	--
1996	12	18	1,2,6,10,11,13-16

Sutton Lake (Braxton County, WV)

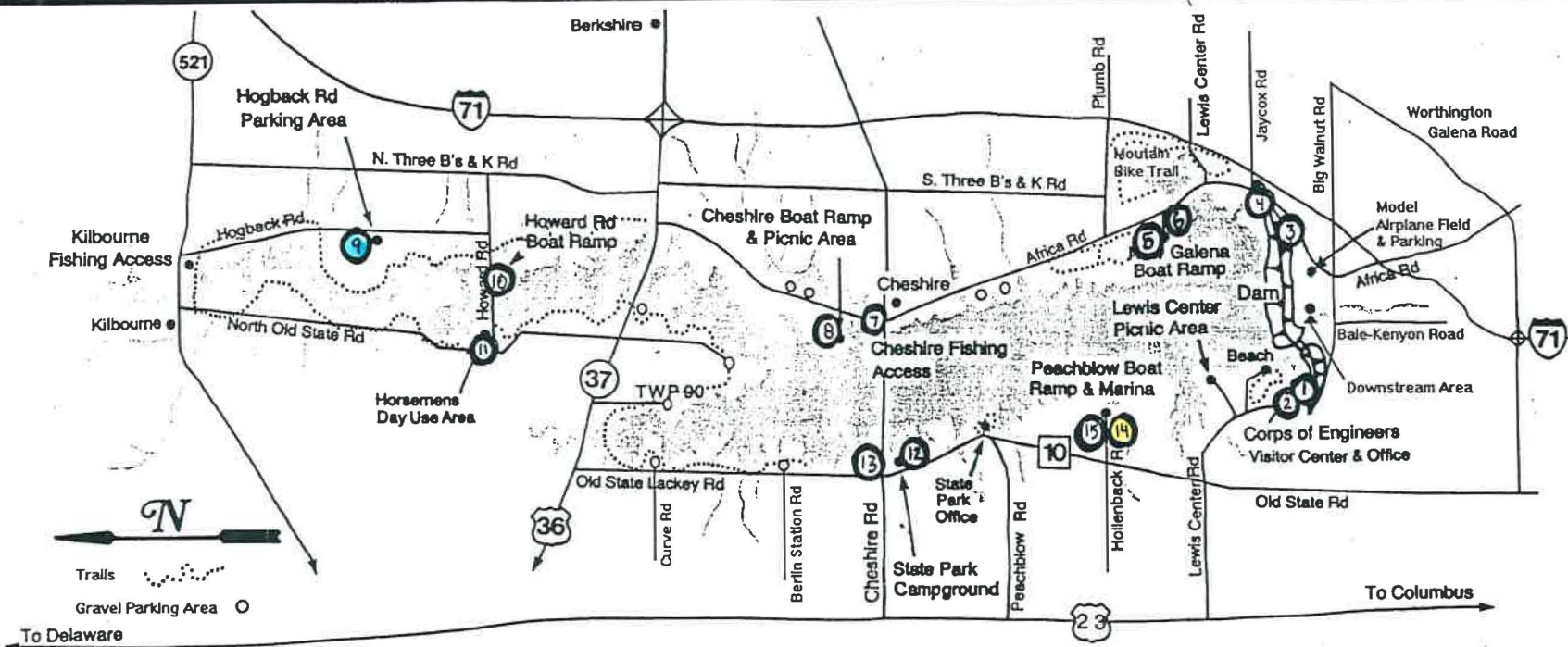
<u>Year</u>	<u>Number of Traps</u>	<u>Total Moths Caught</u>	<u>Positive Catch Trap Number</u>
1983	20	0	--
1984	20	0	--
1985	20	1	6
1986	20	7	1,5,7,9
1987	20	1	13
1988	15	1	7
1989	15	2	8,15
1990	15	3	4
1991	15	0	--
1992	15	4	8,12
1993	20	17	1,4,5,13,18,20
1994	20	33	4,7,9,13,14,15
1995	20	218	1,2,4-6,10-13 15,16
1996	12	27	3,4,11-13,17,20

Figure 1.--1996 gypsy moth trap locations.



US Army Corps
of Engineers
Huntington District

Alum Creek Lake Opportunities



P Parking **Restrooms** **Picnic Area** **Fishing Access** **Boat Ramp** **Swimming** **Showers** **Marina** **Camping Area** **Telephone** **Hiking Trail** **?** Information

The Corps of Engineers and the state of Ohio have planned jointly to provide you and your family with a wide variety of recreation facilities for your relaxation and enjoyment. We have worked hard to provide you with the best facilities available and we hope you will care for them and enjoy them.

The Alum Creek Lake Visitor Center is open year around. Facilities and services include exhibits, information, maps, brochures, a movie theater, and restrooms. A variety of guided walks, talks, and other programs are offered free of charge by the U.S. Army Corps of Engineers.

For additional information
call: (614) 548-6151

For taped message on lake
information call: (614) 548-5889

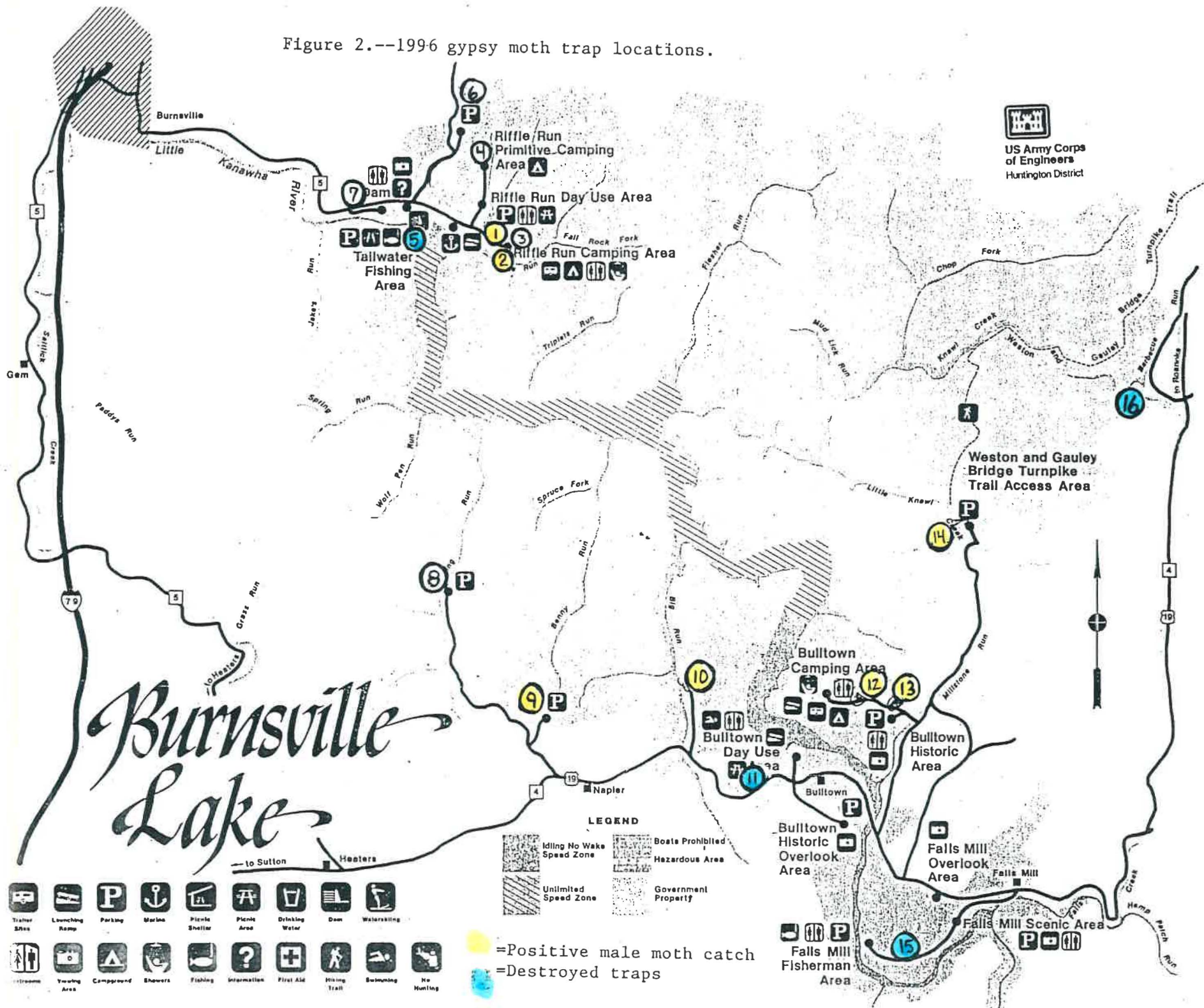
Recreation Facilities

Beach	P Restrooms Picnic Area Fishing Access Boat Ramp Swimming Showers Marina Camping Area Telephone Hiking Trail ?
Lewis Center Picnic Area	P Restrooms Picnic Area Fishing Access Boat Ramp Swimming Showers Marina Camping Area Telephone Hiking Trail ?
Peachblow Boat Ramp & Marina	P Restrooms Picnic Area Fishing Access Boat Ramp Swimming Showers Marina Camping Area Telephone Hiking Trail ?
State Park Campground	P Restrooms Picnic Area Fishing Access Boat Ramp Swimming Showers Marina Camping Area Telephone Hiking Trail ?
Horsemen's Day Use Area	P Restrooms Picnic Area Fishing Access Boat Ramp Swimming Showers Marina Camping Area Telephone Hiking Trail ?
Kilbourne Fishing Access	P Restrooms Picnic Area Fishing Access Boat Ramp Swimming Showers Marina Camping Area Telephone Hiking Trail ?

State Park Office	P Restrooms Picnic Area Fishing Access Boat Ramp Swimming Showers Marina Camping Area Telephone Hiking Trail ?
Howard Rd Boat Ramp	P Restrooms Picnic Area Fishing Access Boat Ramp Swimming Showers Marina Camping Area Telephone Hiking Trail ?
Hogback Rd Parking Area	P
Cheshire Boat Ramp & Picnic Area	P Restrooms Picnic Area Fishing Access Boat Ramp Swimming Showers Marina Camping Area Telephone Hiking Trail ?
New Galena Boat Ramp	P Restrooms Picnic Area Fishing Access Boat Ramp Swimming Showers Marina Camping Area Telephone Hiking Trail ?
Cheshire Fishing Access	P Restrooms Picnic Area Fishing Access Boat Ramp Swimming Showers Marina Camping Area Telephone Hiking Trail ?
Downstream Area	P Restrooms Picnic Area Fishing Access Boat Ramp Swimming Showers Marina Camping Area Telephone Hiking Trail ?
State Parking Area & Fishing Access	P Restrooms Picnic Area Fishing Access Boat Ramp Swimming Showers Marina Camping Area Telephone Hiking Trail ?

● =Positive male moth catch
● =Missing Traps

Figure 2.--1996 gypsy moth trap locations.





=Positive male moth catch

Figure 5.--1996 gypsy moth trap locations.

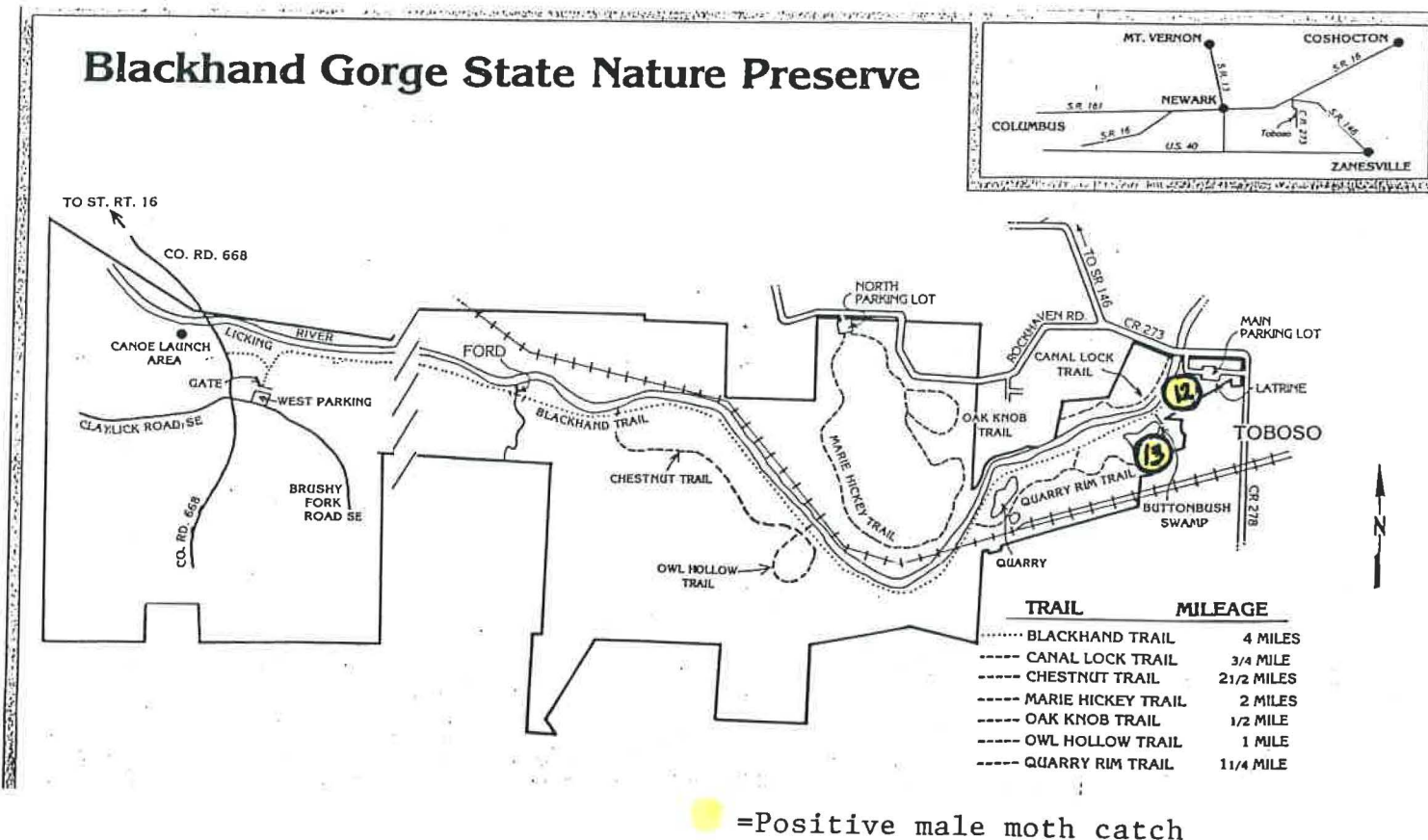
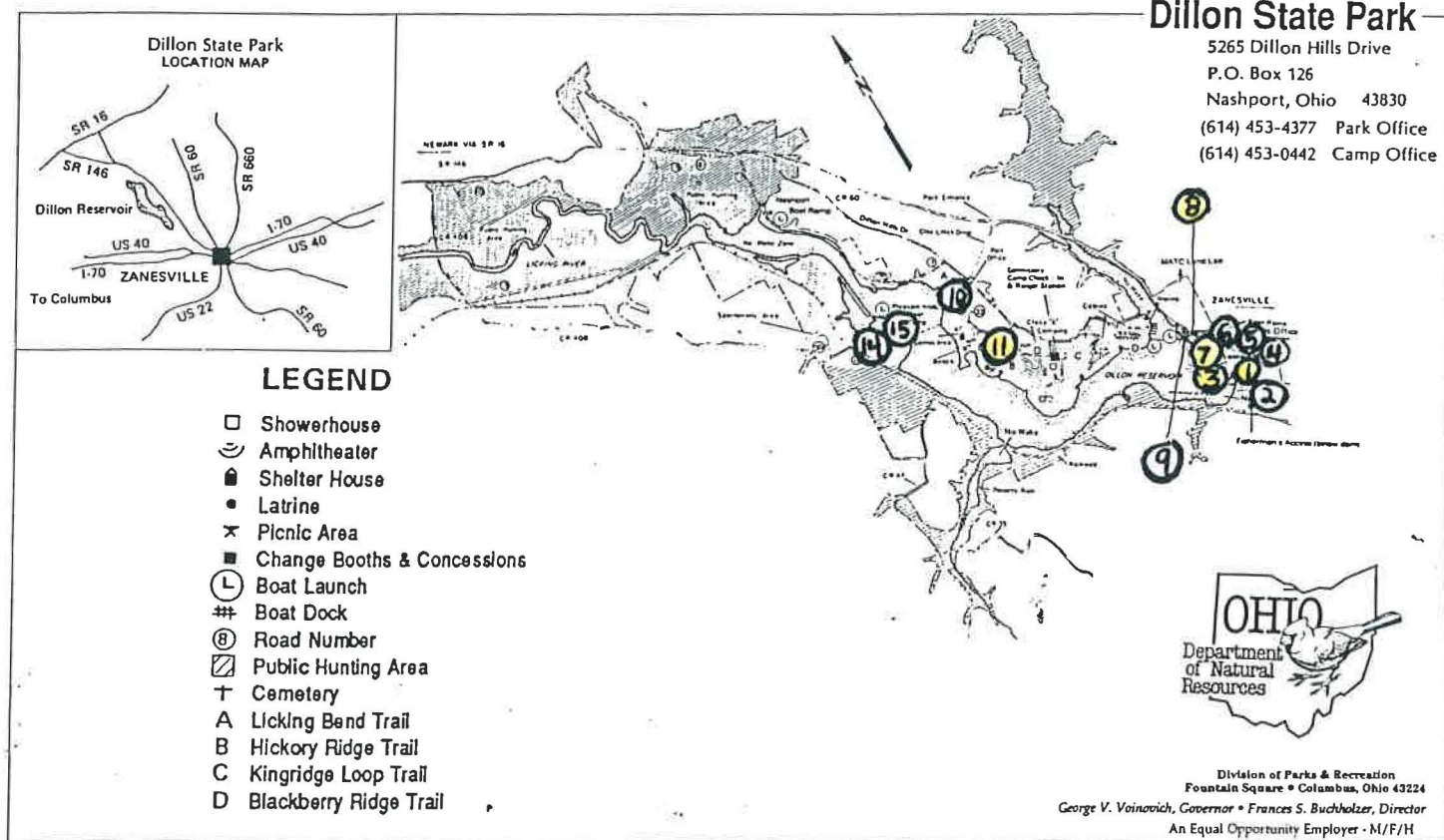
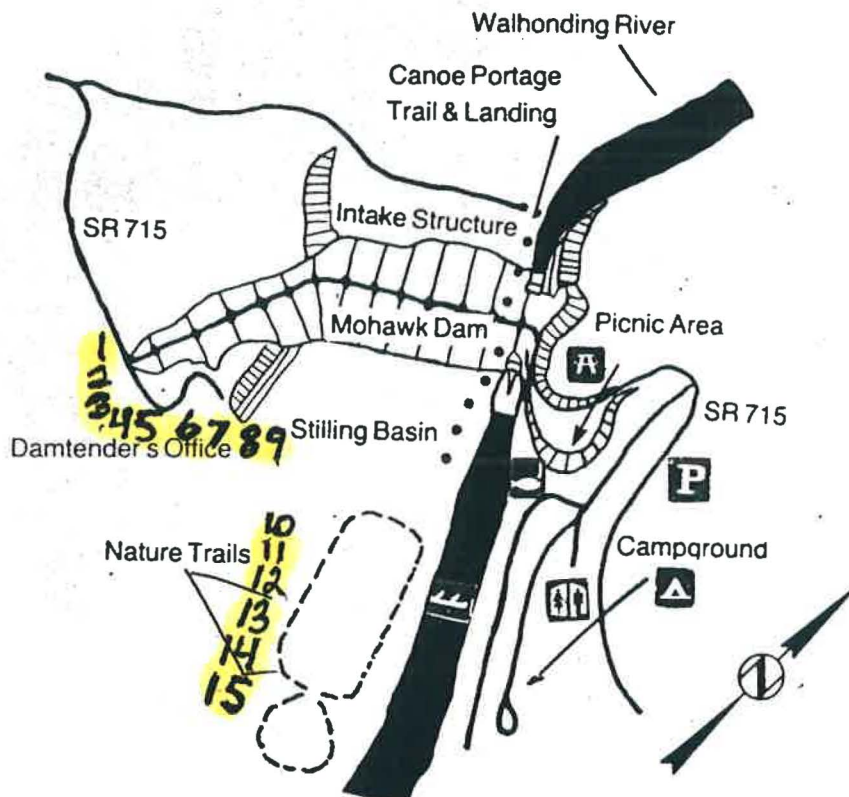


Figure 6.--1996 gypsy moth trap locations.

Mohawk Dam



=Positive male moth catch

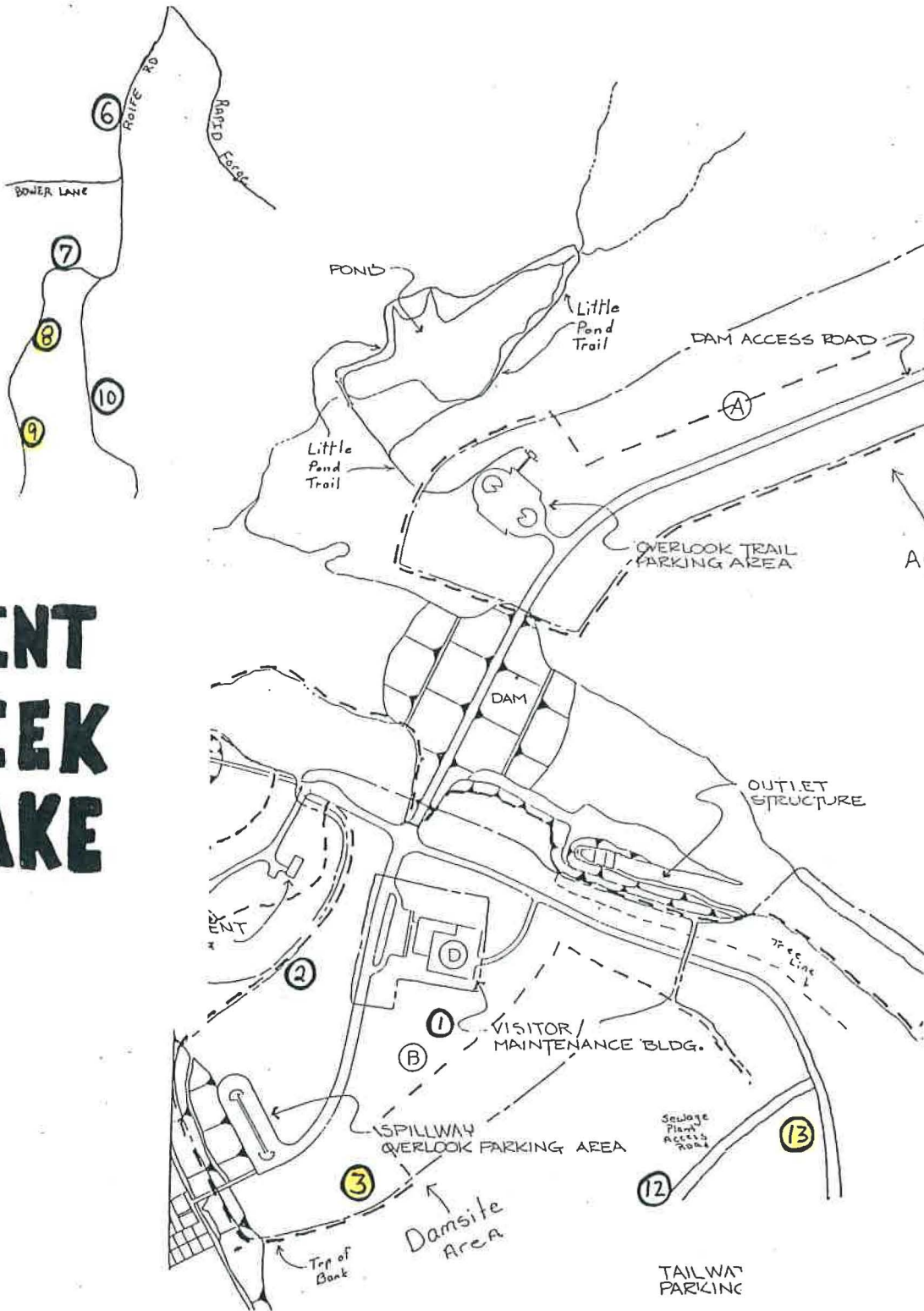
-376



**N. BRANCH
of
KOKOSING
RIVER**

Figure 8.--1996 gypsy moth trap locations.

PAINT CREEK LAKE

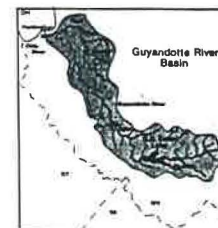
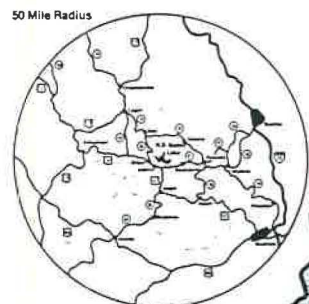


=Positive male moth catch



Figure 9.--1996 gypsy moth trap locations.

RD Bailey Lake



To Pineville
(9 Miles)

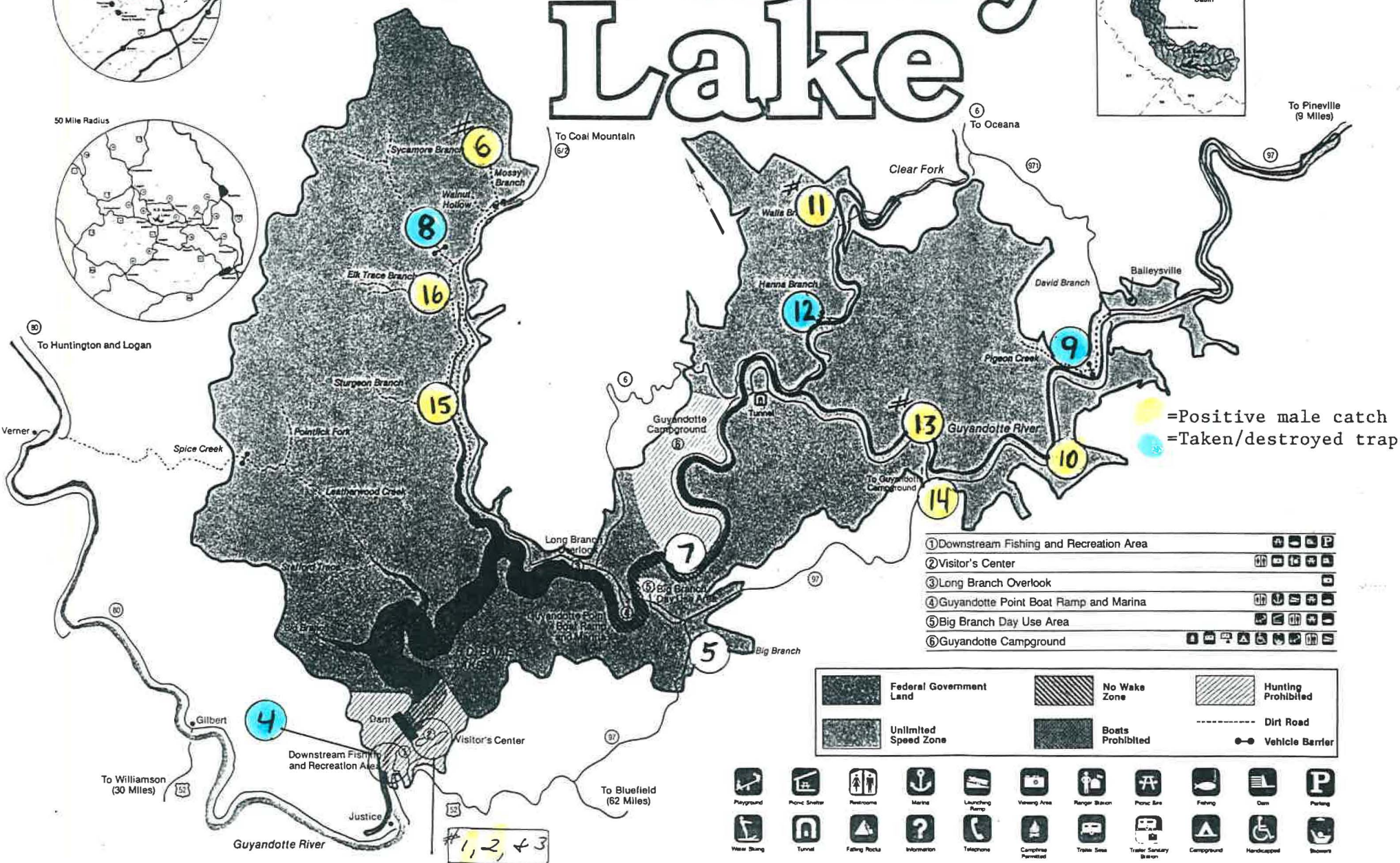


Figure 10.--1996 gypsy moth trap locations.

SUTTON LAKE

